

filed on 4-15-05
ken

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U.S. Patent and Trademark Office U. S. DEPARTMENT OF COMMERCE

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Substitute for form 1449/PTO		Complete if Known	
<p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(Use as many sheets as necessary)</p>			
Application Number	10/520,871		
Filing Date	01/11/2005		
First Named Inventor	Verentchikov, A. N.		
Art Unit	2881		
Examiner Name	L. NGUYEN		
Attorney Docket Number	55387.023		
Sheet	1	of	1

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Country Code ² Number ³ Kind Code ⁴ (if known)		Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear T ⁵
ken	WO 99/01889		01/14/1999	Merck & Co.,
	→ See page 2 of D TO 1449 filed on 8-20-06			

URL Date Considered 09-07-06
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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE								ATTY. DOCKET NO. LEC01 P-431	SERIAL NO. 10/520,871
INFORMATION DISCLOSURE STATEMENT BY APPLICANT									
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								APPLICANT(S) ANATOLI N. VERENTCHIKOV	
								FILING DATE 01-11-05	GROUP 2881

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
LEN		6	3	0	0	6	2	7	10/09/01	Köster et al.	—	—	
		6	1	1	1	2	5	0	08/29/00	Thomson et al.	—	—	
		6	0	2	0	5	8	6	02/01/00	Dresch et al.	—	—	
		5	8	5	4	4	8	5	12/29/98	Bergmann	—	—	
		5	8	4	7	3	8	6	12/08/98	Thomson et al.	—	—	
LEN		5	4	6	4	9	8	5	11/07/95	Cornish et al.	—	—	

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EXAMINER INITIAL		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
													Y	N
LEN	WO	0	1	1	5	2	0	1	03/01/01	PCT	—	—		
LEN	WO	0	0	7	7	8	2	3	12/21/00	PCT	—	—		
LEN	WO	0	0	7	0	3	3	5	11/23/00	PCT	—	—		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXR INITIAL		
LEN		Bakker, J.M.B., "The Spiratron," <i>In Mass Spectrom</i> , London, 1971, pp. 278-282.
LEN		Morris et al., "High Sensitivity Collisionally-activated Decomposition Tandem Mass Spectrometry on a Novel Quadrupole/Orthogonal-acceleration Time-of-flight Mass Spectrometer," <i>Rapid Communications in Mass Spectrometry</i> , Vol. 10, 1996, pp. 889-896.

EXAMINER	LEN	DATE CONSIDERED	09-07-06
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lcw		5 2 0 2 5 6 1	04/13/93	Giessmann et al.	—	—	
lcw		5 0 3 2 7 2 2	07/16/91	Boesl et al.	—	—	
lcw		4 9 6 3 7 3 6	10/16/90	Douglas et al.	—	—	

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
lcw							Y N
lcw	WD	9 9 4 0 6 1 0	08/12/99	PCT	—	—	
lcw	WD	9 9 3 9 3 6 8	08/05/99	PCT	—	—	
lcw	WD	9 9 0 1 8 8 9	01/14/99	PCT			
lcw	WD	9 2 1 4 2 5 9	08/20/92	PCT			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL		
lcw		Qian et al., "Capillary Liquid Chromatography Coupled with an Ion Trap Storage/Reflectron Time-of-flight Mass Spectrometer for Structural Confirmation of Three Recombinant Protein Isoforms," <i>Rapid Communications in Mass Spectrometry</i> , Vol. 10, 1996, pp. 1079-1087.
lcw		Makarov et al., "Pitfalls on the Road to the Ideal Time-of-flight Mirror: Ideal Time-focusing in the Second Stage of Tandem Mass Spectrometers," <i>Int. J. of Mass Spectrom. And Ion Processes</i> , Vol. 146/147, 1995, pp. 165-182.

EXAMINER	lcw	DATE CONSIDERED	09-01-06
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT			
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		APPLICANT(S) ANATOLI N. VERENTCHIKOV	
		FILING DATE 07-11-05	GROUP 2881

U.S. PATENT DOCUMENTS

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							Y N

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL		
Verentchikov		Verentchikov et al., "Collisional Cooling and Ion Formation Processes in Orthogonal MALDI at Intermediate Gas Pressure," ASMS Conference 1999.

EXAMINER	Verentchikov	DATE CONSIDERED	09-07-06
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